

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A method for recovering a budded baculovirus expressing an intracellular organelle ~~unfused~~ membrane-bound protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein comprising culturing a host infected with at least one recombinant baculovirus which contains a gene encoding said protein, expressing said ~~unfused~~ protein in said infected host allowing baculovirus produced in said host to bud and be released from said host with said expressed protein being in the envelope of said budded baculovirus, ~~a budded baculovirus released from said host~~, and separating the budded baculovirus.

Claim 2 (currently amended): A method for preparing an intracellular organelle ~~unfused~~ membrane-bound protein which comprises:

culturing a host infected with a recombinant baculovirus which contains a gene encoding an ~~unfused~~ protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a

membrane-bound transport protein, a channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein;

recovering a budded baculovirus released from said host; and

recovering the unfused protein expressed in said infected host allowing baculovirus produced in said host to bud and be released from said host with said expressed protein being in the envelope of said budded baculovirus ~~from said budded baculovirus.~~

Claim 3 (currently amended): The method of claim 1 wherein the unfused protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein is ~~an unfused~~ a membrane-bound protein of a cell organelle.

Claim 4 (currently amended): The method of claim 2 wherein the unfused protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein is ~~an unfused~~ a membrane-bound protein of a cell organelle.

Claim 5 (currently amended): The method of claim 1 wherein the unfused protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a

channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 6 (currently amended): The method of claim 2 wherein the unfused protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 7 (original): The method of claim 1 wherein the host is an insect cell or an insect larva.

Claim 8 (original): The method of claim 2 wherein the host is an insect cell or an insect larva.

Claims 9 – 14 (canceled)

Claim 15 (currently amended): The method of claim 1, wherein the unfused protein is an Endoplasmic Reticulum-associated protein.

Claim 16 (currently amended): The method of claim 1, wherein the unfused protein is an Golgi Apparatus-associated protein.

Claim 17 (currently amended): The method of claim 2, wherein the unfused protein is an Endoplasmic Reticulum-associated protein.

Claim 18 (currently amended): The method of claim 2, wherein the unfused protein is an Golgi Apparatus-associated protein.

Claim 19 (currently amended): The method of claim 1, wherein the unfused protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 20 (currently amended): The method of claim 2, wherein the unfused protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 21 (currently amended): A method for recovering a budded baculovirus expressing a non-receptor unfused protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, or a protein involved in formation of high dimensional structure of a protein comprising culturing a host infected with at least one recombinant baculovirus which contains a gene encoding said protein, expressing said unfused protein in said infected host allowing baculovirus produced in said host to bud and be released from said host with said expressed protein being in the envelope of said budded baculovirus, ~~a budded baculovirus released from said host,~~ and separating the budded baculovirus.

Claim 22 (currently amended): The method of claim 21, wherein the unfused protein is an Endoplasmic Reticulum-associated protein.

Claim 23 (currently amended): The method of claim 21, wherein the unfused protein is an Golgi Apparatus-associated protein.

Claim 24 (currently amended): The method of claim 21, wherein the unfused protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 25 (currently amended): A method for preparing a non-receptor unfused protein which comprises:

culturing a host infected with a recombinant baculovirus which contains a gene encoding ~~an unfused~~ protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein;

recovering a budded baculovirus released from said host; and

recovering the ~~unfused~~ protein expressed in said infected host allowing baculovirus produced in said host to bud and be released from said host with said expressed protein being in the envelope of said budded baculovirus ~~from said budded baculovirus~~.

Claim 26 (currently amended): The method of claim 25, wherein the ~~unfused~~ protein is an Endoplasmic Reticulum-associated protein.

Claim 27 (currently amended): The method of claim 25, wherein the ~~unfused~~ protein is an Golgi Apparatus-associated protein.

Claim 28 (currently amended): The method of claim 25, wherein the ~~unfused~~ protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.